## DEPARTMENT OF THE NAVY FISCAL YEAR (FY) 2022 BUDGET ESTIMATES



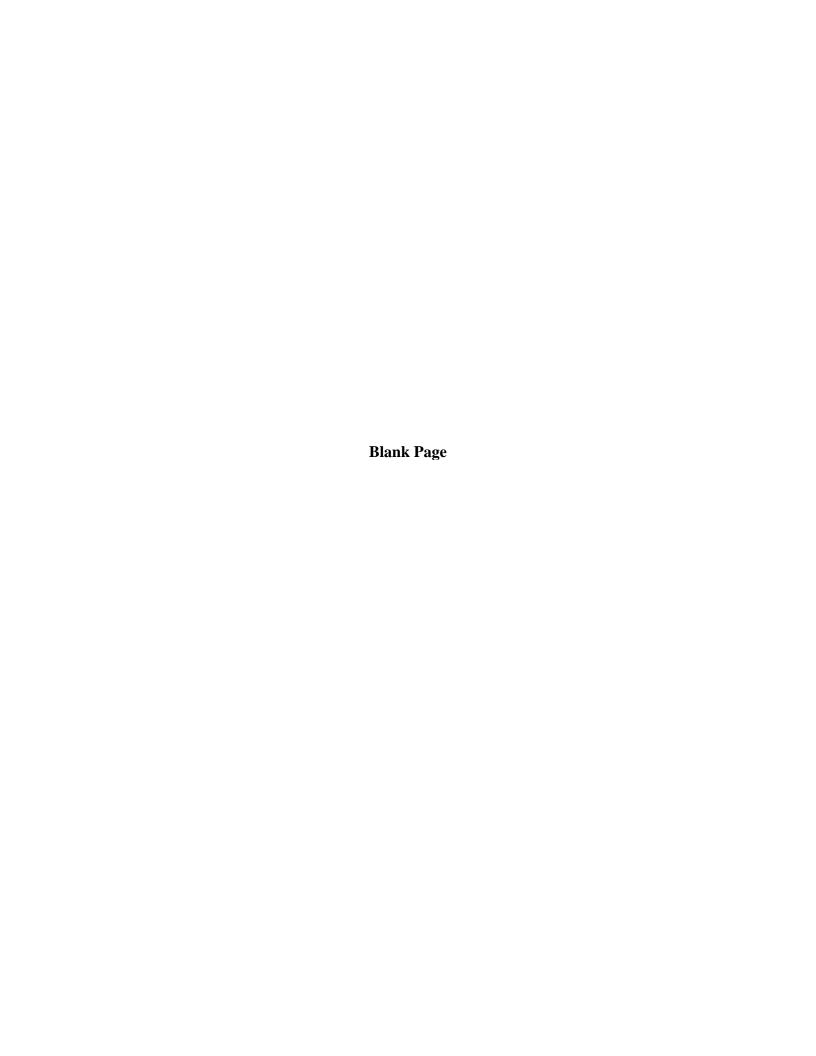
## JUSTIFICATION OF ESTIMATES MAY 2021

Military Construction Reserve Force (MCNR) The estimated cost of this report for the Department of the Navy (DON) is \$6,032. The estimated total cost for supporting the DON budget justification material is approximately \$3,919,738 for the 2021 fiscal year. This includes \$84,638 in supplies and \$3,835,100 in labor.

## FY 2022 Military Construction, Navy and Marine Corps Reserve Program

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# DEPARTMENT OF THE NAVY FY 2022 Military Construction, Navy and Marine Corps Reserve Program Summary of Locations

State/Country		(\$000)	(\$000)	
<b>Inside The United States</b>				
MICHIGAN		49,090	49,090	
MINNESOTA		14,350	14,350	
	Subtotal	63,440	63,440	
Various Locations				
Various Locations		0	8,364	
	Subtotal	0	8,364	
Total - FY 2022 Military Constru	iction Program	63,440	71,804	

## FY 2022 Military Construction, Navy and Marine Corps Reserve Program Index of Locations for Navy and Marine Corps Projects

State/	Proj		Auth Requ	est Approp I	Request		Page
Cntry	No.	Location	(\$00	00)	(\$000)	Mission	No.
		<b>Inside the United States</b>					
MICH	IGAN						
		MARINE CORPS RESERVE FORCES BATTLE CREEK, MICHIGAN					
	404	Reserve Center & Vehicle Maintenance Facility	y 49,0	090	49,090	Current	3
		Sub	total 49,0	090	49,090		
		Total - MICHIG	GAN 49,0	)90	49,090		
MINN	ESOTA						
		NAVAL STATION EVERETT MINNEAPOLIS, MINNESOTA					
	143	Joint Reserve Intelligence Center	14,3	350	14,350	Current	11
		Sub	total 14,3	350	14,350		
		Total - MINNESC	OTA 14,3	350	14,350		
		Total - Inside The United St	eates 63,4	140	63,440		
		Various Locations					
	522	MCNR Design		0	6,005	Current	17
	322	MCNR Unspecified Minor Construction		0	2,359	Current	19
		Total - Various Locat	ions	0	8,364		
		Grand T	Fotal 63,4	140	71,804		

## **FY 2022 Military Construction, Navy and Marine Corps Reserve Program**

## **Index of Locations for Navy Projects**

State/ Proj		Auth Request App	rop Request		Page
Cntry No.	Location	(\$000)	(\$000)	Mission	No.
	<b>Inside the United States</b>				
MINNESOTA					
	NAVAL STATION EVERETT MINNEAPOLIS, MINNESOTA				
143	Joint Reserve Intelligence Center	14,350	14,350	Current	11
	Subtota	1 14,350	14,350		
	Total - MINNESOTA	14,350	14,350		
	<b>Total - Inside The United States</b>	14,350	14,350		
	Various Locations				
522	MCNR Design	0	6,005	Current	17
322	MCNR Unspecified Minor Construction	0	2,359	Current	19
	Total - Various Locations	0	8,364		

## FY 2022 Military Construction, Navy and Marine Corps Reserve Program

## **Index of Locations for Marine Corps Projects**

State/	Proj		<b>Auth Request Appr</b>	op Request		Page
Cntry	No.	Location	(\$000)	(\$000)	Mission	No.
		Inside the United States				
MICHI	<b>GAN</b>					
		MARINE CORPS RESERVE FORCES				
		BATTLE CREEK, MICHIGAN				
	404	Reserve Center & Vehicle Maintenance Facility	49,090	49,090	Current	3
		Subtota	1 49,090	49,090		
		Total - MICHIGAN	49,090	49,090		
		<b>Total - Inside The United States</b>	49,090	49,090		

## FY 2022 Military Construction, Navy and Marine Corps Reserve Program

## **Mission Status Index**

	Proj		Approp 1	Request	Mission
Installation/Location	No.	Project Title		(\$000)	Status
<b>Inside the United States</b>					
<b>MICHIGAN</b>					
MARINE CORPS RESERVE FORCES	404	Reserve Center & Vehicle		49,090	Current
BATTLE CREEK, MICHIGAN		Maintenance Facility			
<u>MINNESOTA</u>					
NAVAL STATION EVERETT	143	Joint Reserve Intelligence	Center	14,350	Current
MINNEAPOLIS, MINNESOTA					
Vaniona I acationa					
<u>Various Locations</u>					
<u>VARIOUS LOCATIONS</u>					
Various Locations	522	MCNR Design		6,005	Current
Various Locations	322	MCNR Unspecified Minor	r	2,359	Current
		Construction			

# DEPARTMENT OF THE NAVY FY 2022 Military Construction, Navy and Marine Corps Reserve Program Installation Index

Installation	Location	DD1390 PageNo.
MARINE CORPS RESERVE FORCES	<u>B</u> BATTLE CREEK, MICHIGAN	1
NAVAL STATION EVERETT	<u>M</u> MINNEAPOLIS, MINNESOTA	9

### FY 2022 Military Construction, Navy and Marine Corps Reserve Program

### **Appropriation Language**

#### SECTION 1 - APPROPRIATION LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the reserve components of the Navy and Marine Corps as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, [\$70,995,000] \$71,804,000 to remain available until September 30, [2025] 2026. Provided, That, of the amount, not to exceed [3,485,000] \$6,005,000 shall be available for study, planning, design and architect and engineer services, as authorized by law, unless the Secretary of the Navy determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefor.

#### SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2021 appropriations shown in brackets.

#### FY 2022 Military Construction, Navy and Marine Corps Reserve Program

## **Special Program Considerations**

#### **ENERGY CONSERVATION:**

The military construction projects proposed in this program will be designed for minimum energy consumption.

#### FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

#### DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

#### PRESERVATION OF HISTORICAL SITES AND STRUCTURES:

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

#### PLANNING IN THE NATIONAL CAPITAL REGION:

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comments. Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

#### ENVIRONMENTAL PROTECTION:

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

#### **ECONOMIC ANALYSIS:**

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives could be evaluated, a primary economic analysis was prepared.

#### CONSTRUCTION CRITERIA MANUAL:

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

1. Component	FY 20	022 GUARD	AND RES	SERVE		2. Date				
NAVY		LITARY CON				MAY				
2 Ingtallati	on and Location:					4. Area	Congt			
	S RESERVE FORCES	M0/801					Index			
BATTLE CREE										
	BATTLE CREEK, MICHIGAN   1.04  Frequency And Type Of Utilization									
				O			- <b>-</b> h			
Active duty	staff 55 hours	per week. Re	serve u	IILS Z W	eckenas	ber mor	IUII.			
6. Other Acti	ve/Guard/Reserve	Installatio	ns Withi	in 15 Mil	es					
	k Air National G		_	_	_					
	k, MI; Army Rese	rve, Battle	Creek, I	MI; Fort	Custer	Trainir	ng			
Center, Aug	usta, MI —————									
7. Projects R	equested In This	Program								
<u>Cat</u>					Cost	Design	<u>Status</u>			
	<u>ect Title</u>			Scope (						
	rve Center & Veh		67	797 m2 4	9,090 12	2/2019 0	08/2021			
Main	tenance Facility									
8. State Rese	rve Forces Facil:	ities Board	Recommer	ndation		29 Jun	2020			
Approved					_	(Dat	ce)			
9. Land Acqui	sition Required									
NO					(	No. of	Acres)			
10. Projects	Planned In Next 1	Four Years					Cost			
P No Title				PY		Scope	(\$000)			
None	-				•	20010	( + 0 0 0 7			
R&M Unfunde	d Requirement (\$	000):								
11. Personnel		PERMANENT		CII	ARD/RESE	יסזודי				
As Of 09-30	<del>-</del>		CIV	TOTAL	·	ENL				
Authorized:	63	6 56	1	838	26	812				
Actual:	59	5 53	1	832	22	810				
12. Reserve U	nit Data					Stren	at h			
Unit Design	ation				Auth		Actual			
Det 1 H&S C	o, Bridge Co, En	g Spt Co, 6t	h ESB		6	52	637			
Rifle Compa	ny 1/24				1	87	178			
Site Suppor	t ESB & 25th Mar	ines				25	23			
13. Major Equ	ipment and Aircra	aft								
<u>Type</u>					Auth	orized	<u>Actual</u>			
Boats						84	14			
Bridges						18	54			
Generators						75	50			
	ibution Panels				1	87	116			
Tractors						32	13			
Trailers Trucks					2	93 24	48 160			
	ication Equipmen	+			3	57	12			
Water Furit Water Tanks	reacton Eduthmen					51	12 27			
		<b>~</b>		/ + 0 0 0 0 0 0			4,			
	ng Pollution and	Satety Defi	ciencies	\$ (\$000):			_			
	n Abatement (*): onal Safety and	Health (OGU)	(#)•				0			
D. Occupati	mar parecy and	mearch (OSH)	(#/•				U			
_										

1. Component NAVY	FY 2022 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date MAY 2021								
	n and Location: M67861 RESERVE FORCES	4. Area Const Cost Index 1.04								
Blank Page										

1. Component		•						2. Date	
NAVY	FY 202	MAY 2021							
3. Installation(SA)& Location/UIC: M67861(MB) 4. Project Title									
MARINE CORPS R	MARINE CORPS RESERVE FORCES Reserve Center & Vehicle								
(MCRC BATTLE C	REEK)					Maintenance Facility			
BATTLE CREEK,	MICHIGAN								
5. Program Eleme	nt 6. Cat	tegory	Code	7.	Project	Number	8. Projec	t Cost (\$000)	
0515096M		17115			P40	4		49,090	

#### 9. COST ESTIMATES

9. COST ESTIMATES									
Item	UM	Quantity	Unit Cost	Cost(\$000)					
RESERVE CENTER & VEHICLE	m2	6,796.7		32,140					
MAINTENANCE FACILITY (73,159SF)									
RESERVE TRAINING CENTER	m2	4,197.5	4,918.65	(20,650)					
CC17115 (45,182SF)									
COMBAT VEHICLE MAINTENANCE	m2	1,484.4	4,958.29	(7,360)					
SHOP CC21410 (15,978SF)									
STORAGE SHED CC44112	m2	1,114.8	1,245.33	(1,390)					
(12,000SF)									
CYBERSECURITY FEATURES	LS			(310)					
BUILT-IN EQUIPMENT	LS			(630)					
SPECIAL COSTS	LS			(1,330)					
OPERATION & MAINTENANCE SUPP	LS			(470)					
INFO (OMSI)									
SUPPORTING FACILITIES				12,090					
SITE PREPARATIONS	LS			(1,000)					
PAVING AND SITE IMPROVEMENTS	LS			(3,990)					
ANTI-TERRORISM/FORCE	LS			(1,640)					
PROTECTION									
ELECTRICAL UTILITIES	LS			(1,910)					
MECHANICAL UTILITIES	LS			(1,000)					
ENVIRONMENTAL MITIGATION	LS			(200)					
DEMOLITION	LS			(2,350)					
SUBTOTAL				44,230					
CONTINGENCY (5%)				2,210					
TOTAL CONTRACT COST				46,440					
SIOH (5.7%)				2,650					
SUBTOTAL				49,090					
TOTAL REQUEST ROUNDED				49,090					
TOTAL REQUEST				49,090					
EQUIPMENT FROM OTHER				(2,125)					
APPROPRIATIONS (NON ADD)									

#### 10. Description of Proposed Construction:

Constructs a low-rise Marine Corps Reserve Center (MCRC) with concrete slab on grade and concrete block and steel frame building with architectural masonry exterior and sloped standing seam metal roof.

1. Component							2. Date	5	
NAVY	FY 20	022 MIL:	MAY	2021					
3. Installation(SA)& Location/UIC: M67861(MB) 4. Project Title									
MARINE CORPS I	Reserve Center & Vehicle								
(MCRC BATTLE (	CREEK)				Maintenance Facility				
BATTLE CREEK,	MICHIG	AN							
5. Program Eleme	ent 6. (	Category	Code	7. Project	Number	8. Projec	t Cost	(\$000)	
0515096М		17115		P40	4		49,090		

Building includes an armory, drill hall, lockers and showers, classrooms, fitness center, supply storage, offices, and a covered weapons cleaning area.

Constructs a low-rise, vehicle maintenance facility with concrete slab on grade and concrete block and steel frame with sloped standing seam metal roof. Building includes six vehicle bays, offices, classrooms, and welding shop.

Constructs a low-rise pre-engineered storage shed with a concrete slab on grade and a sloped standing seam metal roof.

Facility-related control systems include cybersecurity features in accordance with current Department of Defense criteria.

This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings.

Built in equipment includes bridge crane (10 ton), bleachers, air compressors, generator and petroleum oil & lubricant equipment.

Special costs include Post Construction Contract Award Services (PCAS), cybersecurity commissioning and geospatial mapping. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with Navy's cybersecurity requirements as well as Navy in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate.

Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

Electrical utilities include primary and secondary distribution systems, lighting, transformers, and telecommunications infrastructure.

Paving and site improvements includes paved areas for tactical vehicle parking and privately owned vehicle (POV) parking, curbs, ramps, gutters, sidewalks, landscaping and dumpster and recycling bin enclosures and a vehicle wash platform.

1. Component NAVY	FY 2022 MILITARY CONSTRU	OCTION PROGRAM  2. Date  MAY 2021				
3. Installation(SA)& Location/UIC: M67861(MB) 4. Project Title						
MARINE CORPS RE	ESERVE FORCES	Reserve Center & Vehicle				
(MCRC BATTLE C	REEK)	Maintenance Facility				
BATTLE CREEK, N	MICHIGAN					
5. Program Elemen	nt 6. Category Code 7. Project	Number 8. Project Cost (\$000)				
0515096М	17115 P40	49,090				

Mechanical utilities include heating, ventilating, and air conditioning; water lines; storm water drainage system; sanitary sewer lines; and utility supply lines.

Outside physical security items includes security fencing and intrusion detection system infrastructure.

Environmental mitigation includes hazardous abatement required for demolition and the Michigan State Historic Preservation Office study.

This project demolishes Buildings  $410 \ (3,403 \ m2)$ ,  $421 \ (763 \ m2)$ ,  $423 \ (1,016 \ m2)$ ,  $505 \ (942 \ m2)$ , and  $513 \ (376 \ m2)$ , and two miscellaneous sheds  $(7 \ m2)$  and  $22 \ m2$  will be demolished to clear the site for this project.

Facilities will be designed to meet, or exceed, the useful service life specified in the Unified Facilities Criteria. Facilities will incorporate features that provide the lowest practical life-cycle cost solutions that satisfy the facility requirements, with the goal of maximizing energy efficiency.

## 11. Requirement: $6797 \, \text{m}^2$ Adequate: $0 \, \text{m}^2$ Substandard: $0 \, \text{m}^2$ PROJECT:

Construct an MCRC complex, including a Reserve Training Center (RTC), combat vehicle maintenance shop, a cover vehicle wash platform, a supply building, POV parking and a tactical vehicle parking area. This project also removes five buildings and two miscellaneous sheds from the existing site.

#### (Current Mission)

#### REQUIREMENT:

The project is required and necessary to provide adequate, purpose-built facilities in support of 6th Engineer Support Units, Bridge Company "A", Detachment 1 H&S Company, Engineer Company and "A" Company, 1st Battalion 24th Marines, their equipment, active duty personnel, and drilling reserve personnel assigned to MCRC Battle Creek.

An RTC is essential to support training and operations of assigned U.S. Marine Corps Forces Reserve (MARFORRES) units that are routinely activated. The RTC serves as the single gathering point for personnel for administrative meetings and weekend drills. It also becomes the initial mobilization location during federal activation of Reserve component units. Additionally, the building provides a headquarters facility for the reserve component organization. An armory is required to provide

1. Component									2. Dat	e
NAVY	FY 2022 MILITARY CONSTRUCTION PROGRAM					GRAM	MAY 2021			
3. Installation(SA)& Location/UIC: M67861(MB) 4. I					4. Proje	ect	Title			
MARINE CORPS RESERVE FORCES						Reserve Center & Vehicle				
(MCRC BATTLE	CREEK)					Maintenance Facility				
BATTLE CREEK, MICHIGAN										
5. Program Elem	ent 6.	Category	Code	7.	Project	Number	8.	Project	Cost	(\$000)
0515096М		17115			P40	4		4	9,090	

adequate and secure storage space of small arms and their routine vehicle maintenance.

#### CURRENT SITUATION:

The current facilities at MCRC Battle Creek were built in 1950, failing, and undersized for the assigned units. In order to support the recent consolidations of the Grand Rapids and Battle Creek units, significant and expensive short and long-term investments are required to mitigate existing facility deficiencies at the current Battle Creek site. The condition and age of the current Battle Creek facilities do not support further recapitalization, repair and modernization actions to include added footprint of existing facilities.

The project is not sited in the 100-year flood plain.

This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.

#### IMPACT IF NOT PROVIDED:

The Marines assigned to MCRC Battle Creek remain in old, inadequate, and failing facilities that do not meet both operational space requirements and life, health, and safety standards, thereby perpetuating negative effects on unit and mission readiness.

Equipment that is stored outside withough any overhead protection will be under constant exposure to the elements (rain, sun and wind), resulting in undue wear and tear, accelerated deterioration of equipment, and continual costly maintenance. The infrastructure conditions limit MARFORRES ability to correct life, safety, and code compliance issues. Maintaining the current facilities requires continued expenditure of limited facilities sustainment funding.

New facilities are required to meet their mission requirements and greatly improve MARFORRES's ability to join active MARINE components deploying to real world crises.

#### 12. Supplemental Data:

- A. Estimated Design Data:
  - 1. Status:

(A) Date design or Parametric Cost Estimate started 12/2019

(B) Date 35% Design or Parametric Cost Estimate complete 01/2021

(C) Date design completed 08/2021

(D) Percent completed as of September 2020

15%

1. Component						
EV 2022 MILITARY CONCERNICETON DROCKAM	2. Date					
NAVY FY 2022 MILITARY CONSTRUCTION PROGRAM	MAY 2021					
3. Installation(SA)& Location/UIC: M67861(MB) 4. Project Title						
MARINE CORPS RESERVE FORCES Reserve Center & V	'ehicle					
(MCRC BATTLE CREEK) Maintenance Facili	.ty					
BATTLE CREEK, MICHIGAN						
5. Program Element 6. Category Code 7. Project Number 8. Project	Cost (\$000)					
0515096M 17115 P404 4	19,090					
(E) Percent completed as of January 2021	35%					
(F) Type of design contract Des	sign Bid Build					
(G) Parametric Estimate used to develop cost	Yes					
(H) Energy Study/Life Cycle Analysis performed	Yes					
2. Basis:						
(A) Standard or Definitive Design	No					
(B) Where design was previously used						
3. Total $Cost(\$000)$ (C) = (A) + (B) = (D) + (E):						
(A) Production of plans and specifications	\$2,495					
(B) All other design costs	\$1,473					
(C) Total	\$3,968					
(D) Contract	\$3,559					
(E) In-house	\$409					
4. Contract award:	03/2022					
5. Construction start:	03/2022 03/2024					
6. Construction complete:						

B. Equipment associated with this project which will be provided from other appropriations:

Equipment	Procuring FY Approp
<u>Nomenclature</u>	Approp or Requested Cost (\$000)
Audio-Visual Equipment	O&MMCR Future Request 392
Computers, Telephones, Shredders, UPS	O&MMCR Future Request 106
Electronic Security Systems	O&MMCR Future Request 27
FFE	O&MMCR Future Request 1,563
Network and VTC Equipment	O&MMCR Future Request 38

#### CERTIFYING OFFICIAL STATEMENT:

The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. The State Joint Services Reserve Component Facilities Board has reviewed this project for joint use potential. That board determined that unilateral construction was the best alternative to support this mission.

Activity POC: NAVFAC HQ MILCON Program Phone No:202-685-9401

Manager

			1-
1. Component	EV 2022 MILTERAD	y governmentou i	2. Date
NAVY	FY 2022 MILITAR	Y CONSTRUCTION I	PROGRAM MAY 2021
3. Installation	n(SA)& Location/UIC:	M67861(MB) 4. Proje	ct Title
	RESERVE FORCES		Center & Vehicle
(MCRC BATTLE			nce Facility
BATTLE CREEK,		Maintella	nce ractificy
		7 December 37 miles	0 Decide Comband
			8. Project Cost (\$000)
0515096M	17115	P404	49,090
	R	lank Page	
	D	iuiii i u <u>e</u> c	

1.	Component	FY 20	22 GUAI	RD AN	D RESI	ERVE		2. Dat	е
	NAVY	MII	ITARY (	CONST	RUCTIO	NC		MAY	2021
3.	Installation	and Location:	N68967					4. Are	a Const
	NAVAL STATION								t Index
L	MINNEAPOLIS,							1	.06
5.		d Type Of Utili taff 55 hours r		Rege	ove uni	ts 2 wee	kend	s ner mo	nth
	Active duty staff 55 hours per week. Reserve units 2 weekends per month.  6. Other Active/Guard/Reserve Installations Within 15 Miles								
Ь.		/Guard/Reserve Saint Paul Air F						- Center	^
		Minneapolis Sai							
7.	Projects Reg	uested In This	Program						
ľ.	Cat					C	Cost	Design	Status
	Code Projec	t Title			<u>S</u>		000)	Start	Complete
	17115 JOINT CENTER	RESERVE INTELL	IGENCE		139	3 m2 14,	350	08/2019	06/2021
8.	State Reserve	e Forces Facili	ties Boa	rd Red	commend	lation		30 Ju	n 2017
	Approved							(Da	ate)
9.	Land Acquisi	tion Required							
	NO							(No. of	Acres)
10	. Projects Pla	anned In Next F	our Year	S					<u>Cost</u>
	P No Title				<u>P</u>	Y		Scope	<u>(\$000)</u>
	None								
		Requirement (\$0	)00):						
11	. Personnel S As Of 09-30-2	<del>-</del>	PERMANE OFF	ENT ENL	CIV	GUARI TOTAL		SERVE ENL	
	As OI 09-30-2 Authorized:	12 <u>101AL</u>	3	<u>еит</u>	3	135	<u>OFF</u> 92	43	
	Actual:	12	3	6	3	135	92	43	
12	. Reserve Uni	t Data						Stre	ngth
	Unit Designat	ion					<u>Aut</u>		<u>Actual</u>
	Navy Informat	ion Warfare Uni	lts					335	335
13	. Major Equip	ment and Aircra	ıft						
	<u>Type</u>						Aut		<u>Actual</u>
L	Generator							1	1
14		Pollution and	Safety D	eficie	encies	(\$000):			0
		Abatement (*): al Safety and F	Health (C	)SH) (:	±):				0
	z. occupación	ar baree, and r	icarcii (c	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 / -				· ·
1									
1									

1. Component NAVY	FY 2022 MIL	2. Date MAY 2021				
3. Installation(SA)& Location/UIC: N68967(MN) 4. Project Title						
NAVAL STATION (NOSC-MCRC MI	INNEAPOLIS)			Joint Reserve Intelligence Center		
MINNEAPOLIS,	MINNESOTA					
5. Program Elem	nent 6. Category	Code 7. F	Project N	Number	8. Projec	t Cost (\$000)
0305192N	14385		P143		-	14,350

#### 9. COST ESTIMATES

9. COS1		JIMAIES		
Item	UM	Quantity	Unit Cost	Cost(\$000)
JOINT RESERVE INTELLIGENCE CENTER	m2	1,393.17		11,960
(14,996SF)				
NAVY OPERATIONAL SUPPORT CTR	m2	204	14,422.76	(2,940)
CC17115 (2,196SF)				
INTERIOR MODIFICATION	m2	1,189.17	4,654.52	(5,530)
CYBERSECURITY FEATURES	LS			(80)
ANTI-TERRORISM/FORCE	LS			(120)
PROTECTION				
BUILT-IN EQUIPMENT	LS			(2,340)
SPECIAL COSTS	LS			(520)
OPERATION & MAINTENANCE SUPP	LS			(120)
INFO (OMSI)				
SUSTAINABILITY AND ENERGY	LS			(310)
FEATURES				
SUPPORTING FACILITIES				970
SITE PREPARATIONS	LS			(60)
PAVING AND SITE IMPROVEMENTS	LS			(210)
ELECTRICAL UTILITIES	LS			(110)
MECHANICAL UTILITIES	LS			(590)
SUBTOTAL				12,930
CONTINGENCY (5%)				650
TOTAL CONTRACT COST				13,580
SIOH (5.7%)				770
SUBTOTAL				14,350
TOTAL REQUEST ROUNDED		ĺ		14,350
TOTAL REQUEST				14,350
EQUIPMENT FROM OTHER				(3,348)
APPROPRIATIONS (NON ADD)				

#### 10. Description of Proposed Construction:

Constructs a low-rise, steel-framed, reinforced concrete Joint Reserve Intelligence Center (JRIC) addition to Building N-1, with a concrete foundation system, concrete floors, fire protection systems, concrete exterior walls and a built-up roofing system. Project will include all support spaces necessary to meet mission requirements.

This project alters 265.82 square meters (m2) and constructs a 180.12 m2

1. Component					2. Date
NAVY	FY 2022 MILITAR	MAY 2021			
3. Installation(SA)& Location/UIC: N68967(MN) 4. Project Title					
NAVAL STATION EVERETT Joint Reserve Int					elligence
(NOSC-MCRC MI	Į,	Center			
MINNEAPOLIS,	MINNESOTA				
5. Program Elem	ent 6. Category Code	7. Project	Number	8. Projec	t Cost (\$000)
0305192N	14385	P143	3		14,350

mezzanine inside Building N-1, which has a total floor area of 9,795 m2, for use by the Naval Operational Support Center (NOSC).

This project alters 743.23 m2 of the basement and first floor of Building N-1, which has a total floor area of 9.795 m2, for use by the JRIC.

Facility-related control systems include cybersecurity features in accordance with current Department of Defense (DoD) criteria.

This project will provide Antiterrorism (AT) features and comply with applicable service and Geographic Combatant Commander policies and directive per UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings. AT line item includes standard force protection measures such as mass notification systems, emergency shutoffs for ventilation systems, laminated windows, blast resistant window and door frames, and emergency lighting and signage.

Built-in equipment includes uninterruptible power system, backup generator, transfer switch, and quick connect.

Special costs include Post Construction Contract Award Services (PCAS) and cybersecurity commissioning. The cybersecurity commissioning cost is to cover the contractor's submittals, administrative actions and compliance with Department of the Navy's (DON) cybersecurity requirements as well as DON's in-house costs to review contractor submittals and to implement steps necessary for obtaining Authority to Operate. In addition, this item includes the costs for third party commissioning.

Operations and maintenance support information (OMSI) is included in this project.

DoD and DON principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development (LID) will be included in the design and construction of this project as appropriate.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria (UFC). Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

1. Component NAVY	FY 2022 MILITARY C	PROGRAM 2. Date MAY 2021				
3. Installation(SA)& Location/UIC: N68967(MN) 4. Project Title						
NAVAL STATION	EVERETT	Joint Re	Joint Reserve Intelligence			
(NOSC-MCRC MIN	INEAPOLIS)	Center	Center			
MINNEAPOLIS, M	IINNESOTA					
5. Program Eleme	ent 6. Category Code 7.	Project Number	8. Project Cost (\$000)			
0305192N	14385	P143	14,350			

#### 11. Requirement: $\frac{1393}{1}$ M2 Adequate:

Substandard:

#### PROJECT:

Project constructs a low-rise addition and mezzanines at Building N-1. Interior modifications of the existing JRIC secure areas will be included to address space deficiencies, but will not change the secure areas envelope and will not add additional secure areas. Project will include interior modifications within Building N-1 to optimize space utilization.

#### (Current Mission)

#### REQUIREMENT:

Adequate and efficiently configured facilities are required to provide secure JRIC facilities for Commander, Naval Information Force Reserve (CNIFR) and all Reserve Intelligence personnel in the Minneapolis area. These facilities must provide real time, 24-hour, 365-day per year reachback operations. The facilities are required to support the intelligence production and training mission. Required functional areas include operations, operational support, training, maintenance, and administrative support areas. The Navy-hosted JRIC supports Navy, Army, National Guard, and National Intelligence requirements. These facilities require unique security, emergency power, and communications connectivity to support combatant command operations.

#### CURRENT SITUATION:

JRIC operations are currently provided in Building N-1. Their existing spaces are not adequately sized or configured to accommodate the equipment, storage, and system infrastructure necessary to meet the full intelligence production mission and training functions of the JRIC. Portions of the existing JRIC secure areas in Building N-1 must be utilized for non-secure purposes due to a lack of overall JRIC space, reducing the overall available secure areas required to meet JRIC mission objectives Building N-1 is not large enough to accommodate the intelligence mission requirements of all Reserve Component Intelligence Elements (RCIE). The RCIE's are frequently unable to accomplish their intelligence production and training missions due to the lack of availability of space and intelligence systems. CNIFR has an immediate requirement to accommodate new/additional missions at the JRIC.

This project is not sited in a 100-year floodplain.

This project does not have scope elements above and beyond the Unified Facilities Criteria and Facilities Criteria regarding adverse long-term environmental effects.

#### IMPACT IF NOT PROVIDED:

1. Component							2. Date	
NAVY	FY	FY 2022 MILITARY CONSTRUCTION PROGRAM					MAY 2021	
3. Installation(SA)& Location/UIC: N68967(MN) 4. Project Title								
NAVAL STATION EVERETT					Joint Reserve Intelligence			
(NOSC-MCRC MI	NNEAPO	OLIS)			Center			
MINNEAPOLIS,	MINNES	SOTA						
5. Program Elem	ent 6.	Category	Code	7. Project	Number	8. Projec	t Cost (\$000)	
0305192N		14385		P143			14,350	

The RCIE units utilizing the JRIC will remain hindered in their ability to meet mission and operational requirements due to lack of intelligence production, training, maintenance and storage space. Required training will not be available at the level/frequency necessary to certify and/or maintain Navy Mission Essential Task proficiency. Unit readiness and mission operations will be negatively impacted resulting in degraded and/or incomplete support to the war fighter as tasked in theater operations plans.

#### 12. Supplemental Data:

A. Estimated Design Data:

6. Construction complete:

1. Status:

(A) Date design or Parametric Cost Estimate started	08/2019
(B) Date 35% Design or Parametric Cost Estimate complete	03/2020
(C) Date design completed	06/2021
(D) Percent completed as of September 2020	15%
(E) Percent completed as of January 2021	35%
(F) Type of design contract Design	Bid Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	Yes
2. Basis:	
(A) Standard or Definitive Design	No
(B) Where design was previously used	N/A
3. Total $Cost(\$000)$ (C) = (A) + (B) = (D) + (E):	
(A) Production of plans and specifications	\$861
(B) All other design costs	\$431
(C) Total	\$1,292
(D) Contract	\$1,040
(E) In-house	\$252
4. Contract award:	03/2022
5. Construction start:	04/2022

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	Procuring	g <u>FY Approp</u>
<u>Nomenclature</u>	Approp	or Requested Cost (\$000)
Closed Circuit Television (CNIFR)	O&MNR	Future Request 62
DIA/NSA Equipment (DIA/NSA)	OPN	Future Request 2,160
Intrusion Detection System (CNIFR)	O&MNR	Future Request 270
Keycard Access System (CNIFR)	O&MNR	Future Request 108
NMCI (IDCRC)/ARMY NET (ARMY/AIR FORCE	O&MNR	Future Request 108
(USAF)		

10/2023

1. Component	1				2. Date	
NAVY	FY 2022 MI	LITARY CONSTRU	CTION I	PROGRAM	MAY 2	N 2 1
	n(SA)& Location	n/UIC: N68967(MN)	4 Proje	act Title	1111 2	
NAVAL STATI		1/01C' N0090/(MN)		eserve Int	allidand	<b>-</b>
	MINNEAPOLIS)		Center	sperve inc	errigence	
MINNEAPOLIS			CCITCCI			
		y Code 7. Project	Number	8. Projec	t Cost (	\$000)
0305192N	1438	5 P14	13		14,350	
Office Furn	iture (CNIFR)		)&MNR	Future Red	niest	587
	cations (CNIFR)			Future Red		53
	FICIAL STATEMENT				1	
		ve certifies tha	t this n	roject has	. heen	
		tential. Unilate				
		can be used by				
		the scope of the p				ment
of the Navy	requirements.					
Activity POC:	NAVFAC HQ MILCON	N Program Pho	one No:20	02-685-940	1	
	Manager					
I						

1. Component	FY 2022 MILITAR	Y CONSTRUCTION E	PROGRAM	2. Date
NAVY 3 Installation	(SA)& Location/UIC:			MAY 2021
NAVAL STATION			serve Inte	lligence
(NOSC-MCRC MI		Center		
MINNEAPOLIS,				
	ent 6. Category Code			
0305192N	14385	P143	1	4,350
	В	lank Page		
		_		

1. Component					2. Date		
NAVY	FY 2022 MILITAR	MAY 2021					
3. Installation(SA)& Location/UIC: N64480 4. Project Title							
RESERVE PLANNING/DESIGN				MCNR Design			
UNSPECIFIED, WO	RLDWIDE LOCATIONS						
5. Program Elemen	6. Category Code	7. Project	Number	8. Project	t Cost (\$000)		
0901211N		P522			6,005		

#### 9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
MCNR DESIGN	LS			6,010
DESIGN COSTS	LS			(6,010)
SUBTOTAL				6,010
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				6,010
SIOH (0%)				0
SUBTOTAL				6,010
TOTAL REQUEST ROUNDED				6,010
TOTAL REQUEST				6,005

#### 10. Description of Proposed Construction:

Funds to be utilized for architectural and engineering services and construction design in connection with military construction projects including regular program projects, exceptional authority construction (including unspecified minor construction) projects, land appraisals, and other projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.

#### 11. Requirement:

#### PROJECT:

Planning and design funds.

(Current Mission)

#### REQUIREMENT:

All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those where Design/Build contracting method is used.

#### CURRENT SITUATION:

N/A

#### IMPACT IF NOT PROVIDED:

N/A

#### 12. Supplemental Data:

A. Estimated Design Data:

1. Component	EV 0000 MILTERS		CETON I	DOCD 11	2. Date		
NAVY	FY 2022 MILITARY	Y CONSTRU	CTION I	PROGRAM	MAY 2021		
3. Installation	n(SA)& Location/UIC: N	164480	4. Project Title				
RESERVE PLANN	RESERVE PLANNING/DESIGN			sign			
UNSPECIFIED,	WORLDWIDE LOCATIONS						
5. Program Elem	ment 6. Category Code	7. Project	Number	8. Projec	t Cost (\$000)		
0901211N		P52	2		6,005		
1. Status:							
(A) Date	design or Parametric	Cost Estim	nate star	rted			
(B) Date	35% Design or Paramet	tric Cost E	Stimate	complete			
(C) Date	design completed						
(D) Perce	ent completed as of Se	eptember 20	19				
	ent completed as of Ja	nuary 2020					
	of design contract						
	metric Estimate used t				N/A		
(H) Energ 2. Basis:	gy Study/Life Cycle Ar	nalysis per	rformed				
	lard or Definitive Des	gian					
	e design was previous!						
	ost(\$000) (C) = (A) +		+ (F)·				
	action of plans and spans $\frac{1}{2}$						
	other design costs	pecificacio	7115				
(C) Total							
(D) Contr							
(E) In-ho	ouse						
4. Contract	award:						
5. Construc	ction start:						
6. Construc	ction complete:						
	associated with this copriations: NONE	project wh	nich will	be provi	ded from		
	CIAL STATEMENT:						
N/A	CIAL SIAILMENI.						
N/A							
A-t-i-it DOG.		Dl	N				
Activity POC:		Pno	one No:				
I							

1. Component	FY 2022 MILITARY CONSTRUCTION PROGRAM					2. Dat	е
NAVY						MAY	2021
3. Installation(SA)& Location/UIC: N64069 4. Project Title							
RESERVE UNSPE	CIFIED MI	NOR CONSTRU	CTION	MCNR Unspecified Minor			
UNSPECIFIED,	WORLDWIDE	LOCATIONS		Construction			
5. Program Elem	ent 6. Cat	egory Code	7. Project	Number	8. Projec	t Cost	(\$000)
0901211N			P322			2,359	

#### 9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
MCNR UNSPECIFIED MINOR	LS			2,360
CONSTRUCTION				
MCNR UNSPECIFIED MINOR	LS			(2,360)
CONSTRUCTION				
SUBTOTAL				2,360
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				2,360
SIOH (0%)				0
SUBTOTAL				2,360
TOTAL REQUEST ROUNDED				2,360
TOTAL REQUEST				2,359

#### 10. Description of Proposed Construction:

Department of the Navy (DON) unspecified minor military construction (UMC) projects authorized by Title 10 USC 18233(a) and funded by military construction reserve force (MCNR) appropriations.

#### 11. Requirement:

#### PROJECT:

DON UMC projects funded by MCNR appropriations.

(Current Mission)

#### REQUIREMENT:

A MCNR funded UMC project is a military construction project not otherwise authorized by law having an approved total funded project cost within limits identified for such projects in Title 10 USC 18233(a). A MCNR funded UMC project may be carried out only after the end of the 14 day period beginning on the date on which notification is provided in an electronic medium to the appropriate committees of Congress.

#### CURRENT SITUATION:

N/A

#### IMPACT IF NOT PROVIDED:

N/A

#### 12. Supplemental Data:

- A. Estimated Design Data:
  - 1. Status:
    - (A) Date design or Parametric Cost Estimate started
    - (B) Date 35% Design or Parametric Cost Estimate complete

1. Component					2. Date
NAVY	FY 2022 MILITARY	Y CONSTRU	CTION I	PROGRAM	MAY 2021
3. Installation	n(SA)& Location/UIC: N	164069	4. Proje	ct Title	
RESERVE UNSPE	CIFIED MINOR CONSTRUC	CTION	MCNR Uns	specified 1	Minor
UNSPECIFIED,	WORLDWIDE LOCATIONS		Construc		
5. Program Elem	ment 6. Category Code	7. Project	Number	8. Projec	t Cost (\$000)
0901211N		P32	22		2,359
(C) Date	design completed	I			,
	ent completed as of Se	ntember 20	120		
	ent completed as of Ja				
	of design contract	muary 2021			
	netric Estimate used t	to develor	cost		
	gy Study/Life Cycle Ar	_			
2. Basis:	y beday/ Hire eyere in	narybib per	LIOIMCG		
(A) Stand	lard or Definitive Des	sign			
(B) Where	e design was previous	ly used			
3. Total Co	ost(\$000) (C) = (A) +	(B) = (D)	+ (E):		
	action of plans and sp				
	ther design costs	-			
(C) Total					
(D) Contr	act				
(E) In-ho	ouse				
4. Contract	award:				
5. Construc	tion start:				
6. Construc	tion complete:				
R Equipment	associated with this	project wh	nich will	he provi	ded from
	opriations: NONE	project wi	iicii wiii		aca IIom
CERTIFYING OFFI	CIAL STATEMENT:				
N/A					
Activity POC:		Pho	one No:		
-					

#### MCNR POM 22 FYDP LIST 2021-05-19(0957)

					Facility	Program	Budgeted		
Component	FY	Appn Installation	Location	Project Title	Category	Element	Amount	Mission	Footprint
MCNR	2022	1235 Battle Creek	MI	Reserve Center & Vehicle Maintenance Facility	171	0515096M	49,090	Curren	t Replacement
MCNR	2022	1235 Minneapolis	MN	Joint Reserve Intelligence Center	143	0305192N	14,350	Curren	t Addition & Mod
MCNR	2022	1235 MCNR MINOR CONSTRUCTION		MCNR Unspecified Minor Construction	962	0901211N	2,359		
MCNR	2022	1235 MCNR DESIGN FUNDS		MCNR Planning & Design	961	0901211N	6,005		
	2022	Total					71.804		

